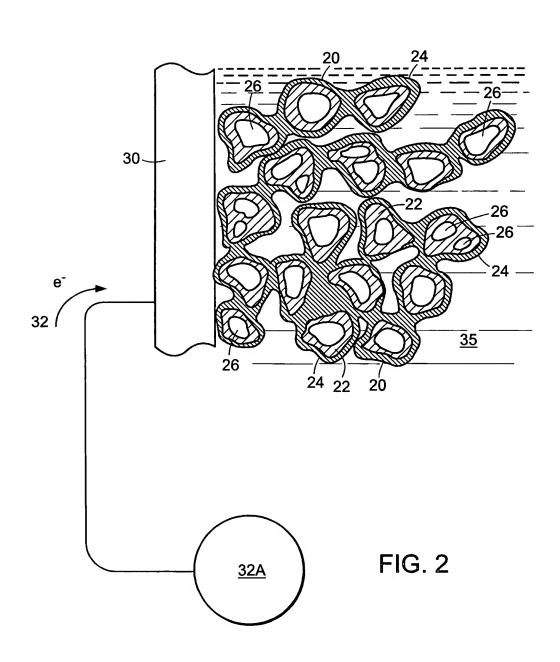


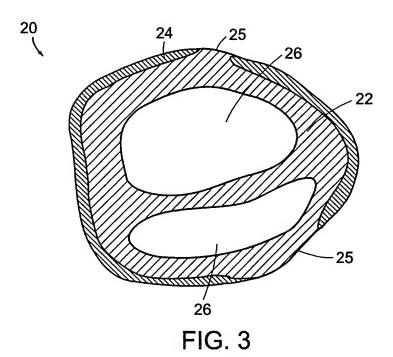
FIG. 1 PRIOR ART

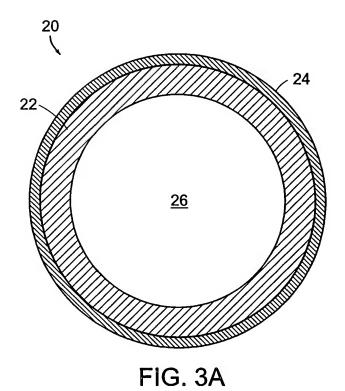














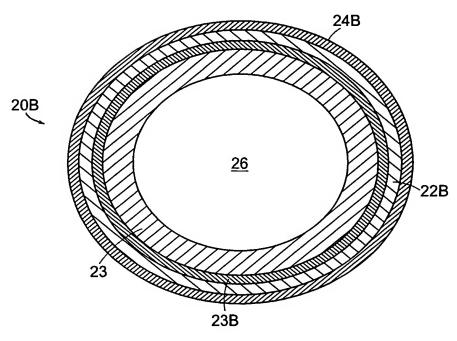


FIG. 3B

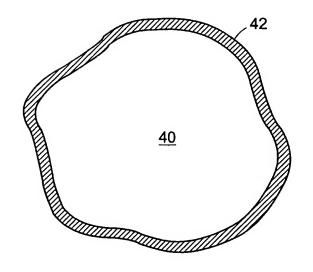


FIG. 3C



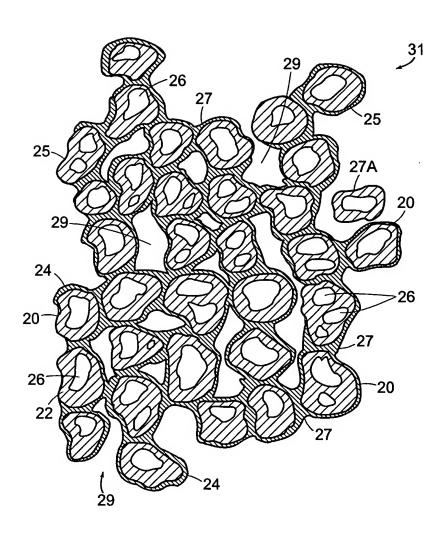


FIG. 4



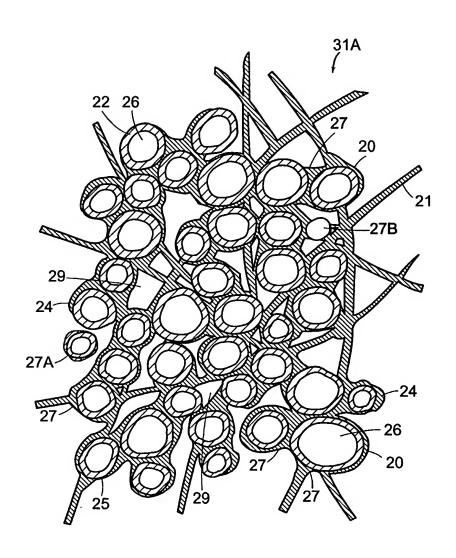


FIG. 4A



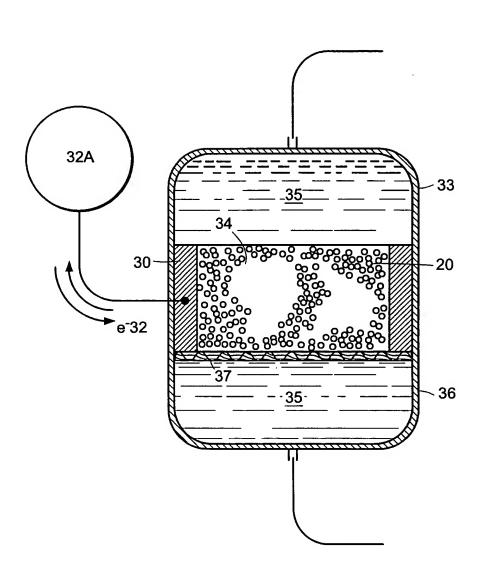


FIG. 5



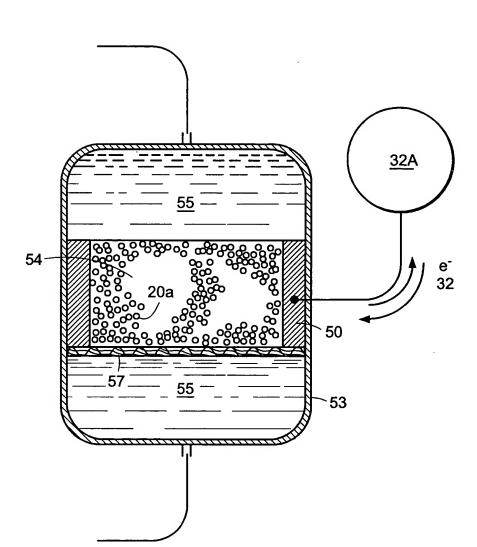
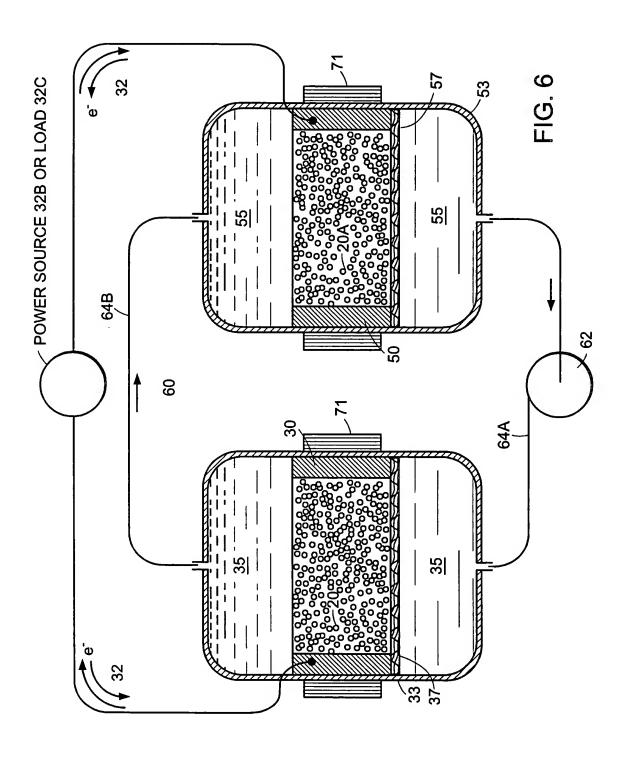
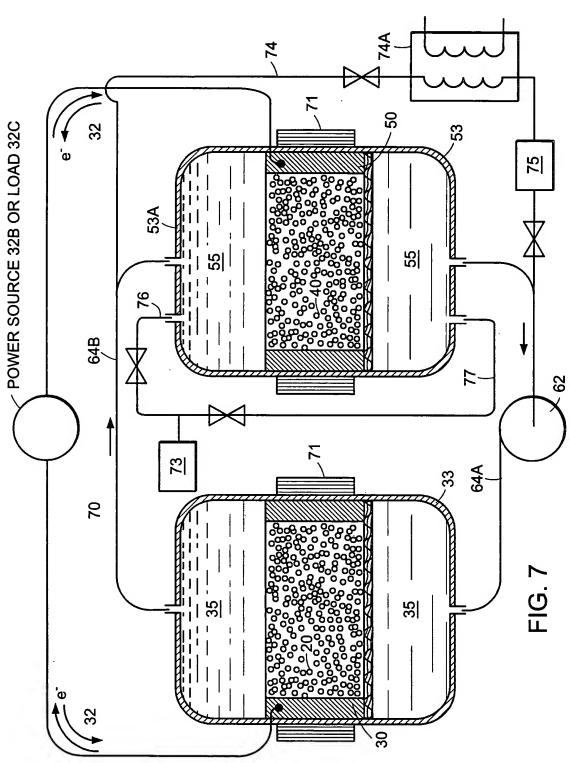


FIG. 5A



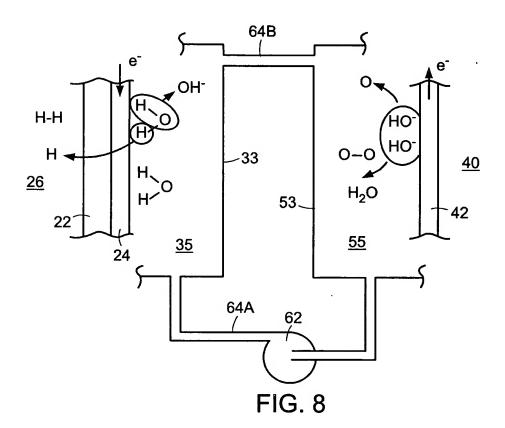








CATHODE:
$$4H_2O + 4e^- \longrightarrow 4H + 4OH^-$$
 (A)
ANODE: $4OH^- \longrightarrow 4e^- + 2H_2O + 2\cdot O$ (B)
 $2H_2O \longrightarrow 4H + 2\cdot O$ (C)



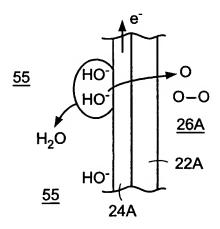


FIG. 8A



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CATHODE:
$$2H_2O + 2\cdot O + 4e^- \longrightarrow 4OH^-$$
 (D)

ANODE: $4H + 4OH^{-} \longrightarrow 2H_2O + 4e^{-}$ (E)

$$4H + 2 \cdot O \longrightarrow 2H_2O$$
 (F)

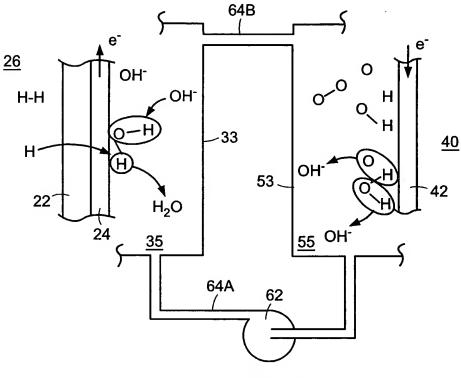


FIG. 9

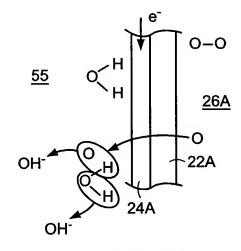
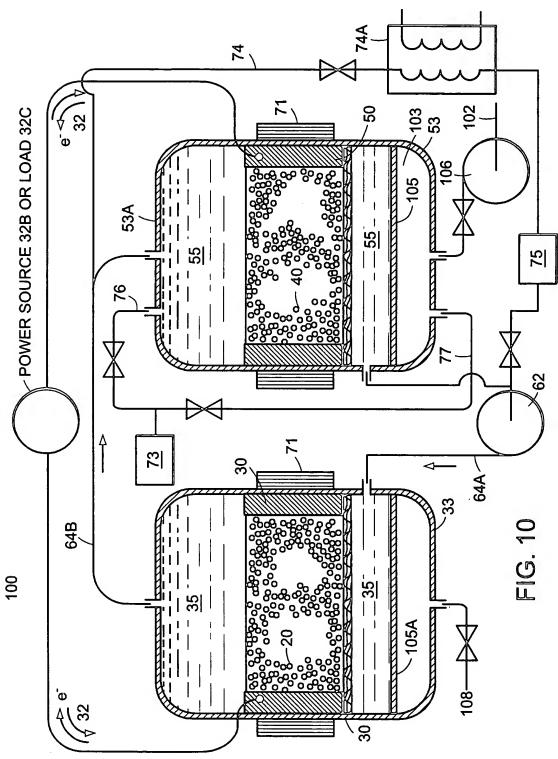


FIG. 9A







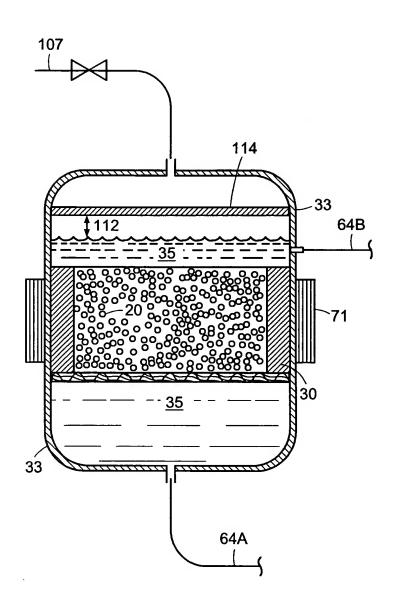


FIG. 11



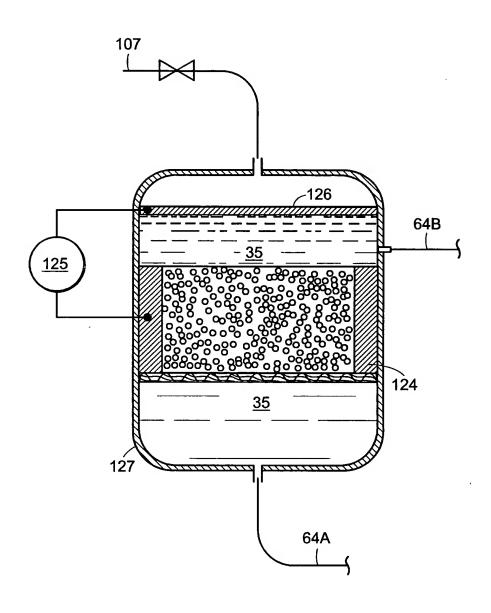


FIG. 12

NO 17 2003 P. J. C. RADEMONDO

Title: Electrochemical Generation, Storage and Reaction of Hydrogen and Oxygen Inventor: Sanders Serial No. 10/664,408 Attorney Docket No. NAS-001

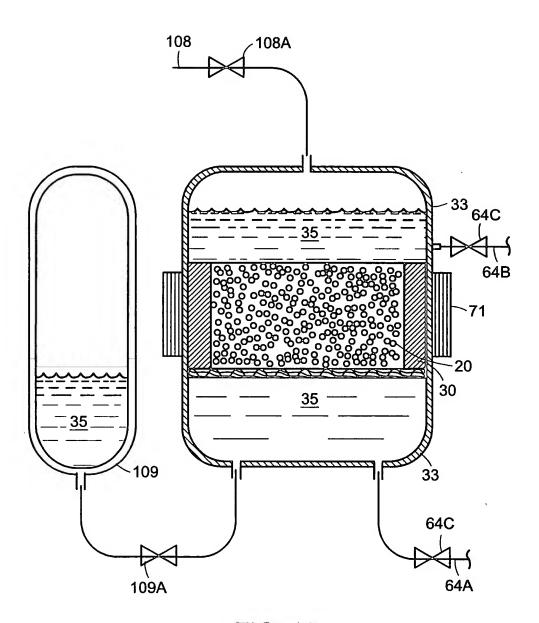


FIG. 13



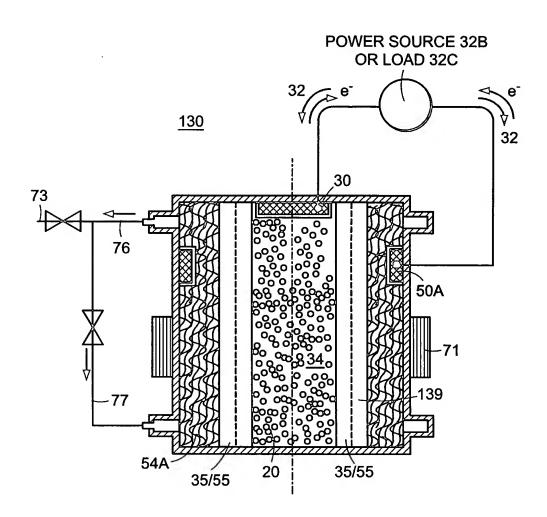


FIG. 14



Title: Electrochemical Generation, Storage and Reaction of Hydrogen and Oxygen Inventor: Sanders

Inventor: Sanders Serial No. 10/664,408 Attorney Docket No. NAS-001

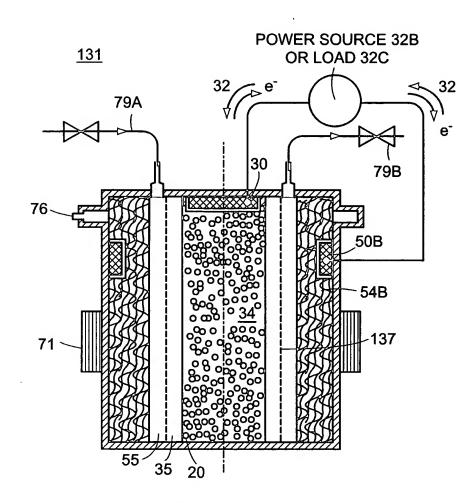


FIG. 15



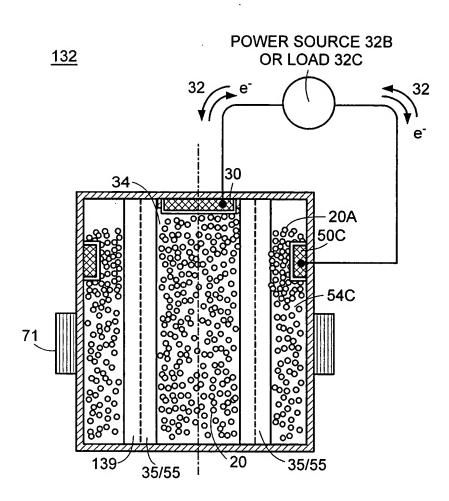


FIG. 16



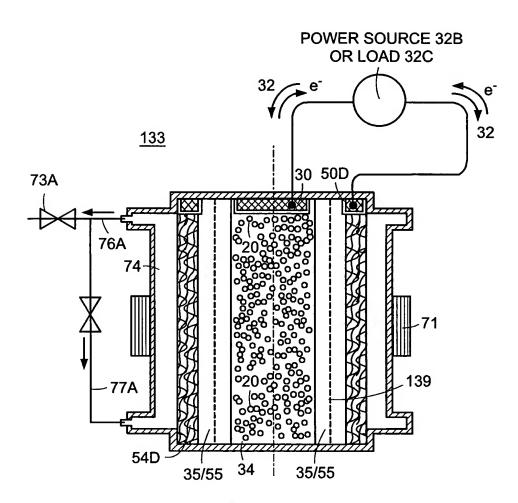


FIG. 17



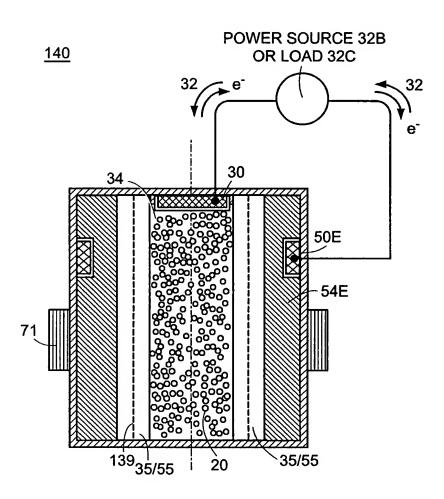


FIG. 18



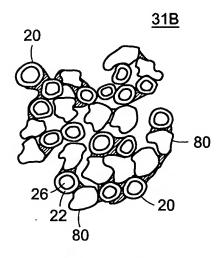


FIG. 18A

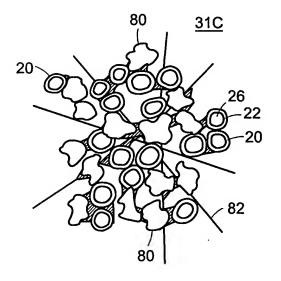


FIG. 18B